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MAIL STOP PATENT APPLICATION; COMMISSIONER
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of)
)
T. Ikeda)
)
Title: TRANSMISSION)
)
Serial No.: <i>Not Assigned</i>)
)
Filed On: <i>Herewith</i>) (Our Docket No. 5616-76)

Hartford, Connecticut, September 18, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

S I R:

Applicants respectfully request the following preliminary amendments be made to the United States patent application identified above and provided herewith.

In the Specification:

Please amend the specification as follows:

[0001] This application claims priority ~~on~~from Japanese Patent Application No. 2002-274759 filed September 20, 2002 in Japan, the ~~disclosures~~disclosure of which ~~are~~is incorporated herein by reference.

[0005] However, in addition to the input reduction type transmission described above, there are also output ~~reduction~~reduction type transmissions in which a speed reduction gear is provided between the output shaft and the layshaft in a constant mesh manner, comprising a transmission gear pair composed of a plurality of input shaft gears provided to an input shaft and a plurality of layshaft gears provided to a layshaft.

[0009] In view of the above, the present invention is proposed with the aim of solving the above-stated problems, and an object thereof is to provide a transmission which ~~enable~~enables to lighten the gear operation without increasing the size or costs of the transmission even if the transmission is of an output reduction type.

[0030] Splines are formed on the external peripheral portions of the dog gears 14 and the first to fourth hubs 15 to 18, and on the internal peripheral surface of the first to fourth sleeves 21 to 24; and the first to fourth sleeves 21 to 24 are constantly engaged with the first to fourth hubs 15 to 18 and simultaneously rotate with the input shaft 2 and the first layshaft 4, and also slide back and forth to selectively engage with and disengage from the dog gears 14. Gear changing is performed by these ~~engagement~~engagements and ~~disengagement~~disengagements.

[0047] The braking mechanism 34 is constituted by a wet multiple disk clutch in the same manner as in Fig. 1, and is provided to the interior of the gear mechanism. The center clutch 28 (comprising clutch disks 27 on one side) ~~28~~, which is the piston of the wet multiple disk clutch, is connected to the second layshaft gear 32 side; and the outer clutch 30 (comprising clutch disks 29 on the other side) ~~30~~, which is the cylinder of the wet multiple disk clutch, is connected to the transmission case 11 side.